Alfred SCO

**Self-checkout solution
with universal tabletop mount**

Alfred SCO: Increased Sales Capacity with Intelligent Fraud Prevention

Increase Sales Capacity
Increase the store's sales capacity while reducing operational cost.

Quick & Convenient
Offer a streamlined, more convenient checkout with less waiting in line.

Intelligent Fraud Detection
Prevent fraud with AI-based computer vision & weight verification.

Less Waiting, More Capacity

Alfred SCO levels up the customer experience by enabling shoppers to skip the lines and use self-checkout. Customers appreciate the convenience and retailers benefit from increased throughput with opportunities to expand opening hours and shift labor resources to other functions.

Space-saving & Modular Design

Alfred's universal tabletop mount allows the self-checkout to be installed on an existing desk or Partner Tech can help design and build a new checkout counter. Because of Alfred's modular, compact design, retailers can maximize their floor space and fit more self-checkout lanes.

Customizable with Peripherals

Alfred SCO is available with a 15", 15.6" or 21.5" touch display, which can be used in landscape or portrait mode. Based on the application, retailers can choose between different processors and memory sizes. A large selection of peripherals includes bioptic scanner, printer, produce scale, security scale, LED tri-light, security camera and payment brackets.

Support for All Payment Types

Payment is easy and quick with support for debit and credit cards, contactless, mobile payment and cash through the current POS system. Brackets are available for the most popular payment terminals and additional brackets are added on demand. The optional cash management module offers advanced coin and paper bill recycling.

Alfred SCO has a tabletop mount that can be installed on any type of desk.

Intelligent Fraud Prevention

Alfred SCO offers advanced fraud detection capabilities that leverages artificial intelligence to analyze fraudulent behaviors. Discrepancies triggers alerts that are sent to the store attendants.

- **A security scale** in the bagging area verifies items against the weight in the database.
- **Computer vision**: an intelligent camera is used for crime prediction and pick list assistance. In addition, Alfred also has the option of camera-based age verification.
- **EAS/RFID tag deactivation**

AI Recognition Camera

EAS/RFID tag deactivation

Security Scale

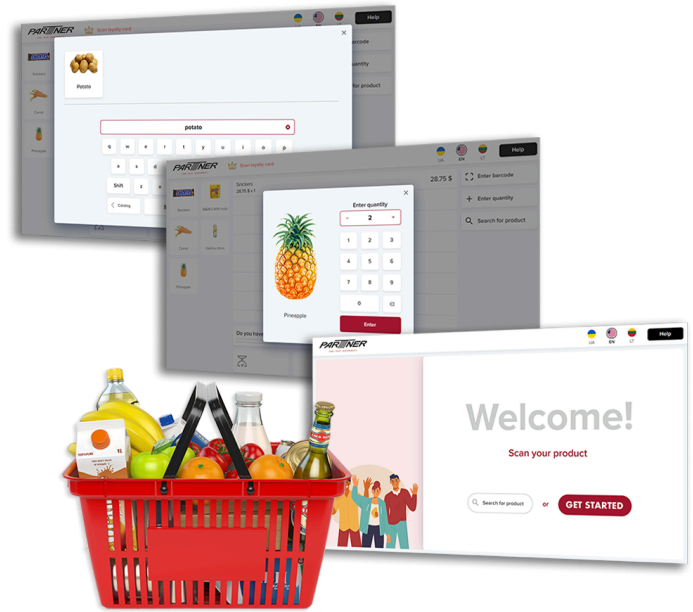## SCO Software With Artificial Intelligence

In addition to the SCO hardware, Partner Tech's SCO solution includes a module-based self-checkout software that integrates with the retailer's POS software. The SCO software provides easy step-by-step shopper instructions with a customizable checkout flow and user interface. It controls all the peripherals such as security and produce scales, barcode scanner, tri-light, and security cameras. By leveraging artificial intelligence to analyze data, Alfred SCO generates fewer interventions and provides more advanced theft detection.

API Tool Kit for POS Integration

Partner Tech offers an easy to work with API toolkit for integration with the retailer's POS and loyalty systems as well as other ISV solutions.

Real-time Monitoring & Management

Partner Tech's monitoring module proactively tracks the performance of the SCO and is a critical component in ensuring a successful rollout. It helps quickly identify and resolve issues to minimize downtime. It detects negative trends, which allows retailers to make adjustments to increase usage. This module provides access to both a real-time dashboard and a reporting tool with ability to view historical trends and benchmark stores against each other.

Real-time Visibility
Proactively monitor the performance of your self-checkout systems.

Proactive Problem Solving
Quickly identify and resolve problems and negative trends.

Configurable to Every Retailer's Needs. *Fully customizable, modular design with a wide range of options, Alfred SCO is built to meet your store's requirements – from functionality to layout and branding – requiring minimal floor space.*

Alfred SCO Technical Specification

Processors

A5II (15.6")
11th Gen Intel Core processors (Tiger Lake)
i3-1115G4 | i5-1145G7 (vPro) | i7-1185G7 (vPro)

A7 (21.5")
12th Gen Intel Core processor (Alder Lake)
i3-1215U | i5-1245U (vPro) | i7-1265U (vPro)

Memory & Storage
8GB / 16GB / 32GB DDR4
128GB / 256GB / 512GB /1TB M.2 PCIe SSD

Display Options

A5II (15.6")	A7 (21.5")
1920 x 1080	1366 x 768 or 1920 x 1080
16:9 aspect ratio	16:9 aspect ratio
400 nits	400 nits
oTP (On-cell Touch Panel)	PCAP touch

Both displays can be mounted portrait or landscape mode.

Operating System
Windows 11 IoT Enterprise LTSC (64 bit)

Wireless Options
Wi-Fi 6E (Intel AX210), supporting IEEE 802.11 a/b/g/n/acR2/axR2
BT 5.3

Audio
1 x 3W speaker
1 x audio (line out)

Customizable Design
- Tabletop mount for any counter space
- Designed for left or right orientation
- Compact and lower profile
- Multiple unload and bagging modules

Peripheral Options
- Bioptic 1D/2D scanner with scale
- Handheld scanner
- Brackets for payment terminal
- LED tri-light with camera (several options)
- Age verification camera
- 3" receipt printer
- ADA keypad

Fraud Detection & Security Options
- Security camera for item identification
- Surveillance camera
- Security scale for weight verification
- Electronic Article Surveillance (EAS) tag integration
- Lockable security door for system access

Payment Options
- Credit card payments supported by the POS
- Cash recycler

Module-based Software
- Multi-language support
- Step-by-step shopper instructions
- Customizable work flow and branding
- Easy-to-configure GUI
- AI-based crime prevention
- Computer vision for item identification
- Remote attendant functionality with alerts sent to desktop computer or mobile device
- Adaptive security levels
- Scan-and-Go

SCO Performance KPI Monitoring
- Real-time status dashboard
- Detailed reporting capability
- Remote device management capabilities

*The specification is subject to change without prior notice.